

## Registration Detail

Numbers of Seats: 30 (On First Come First Basis)

### Importation Dates:

Early Bird Registration: 25/10/2018

Late Registration: 28/10/2018

### Registration Fee: in INR

#### Students:

Early Bird : 4,000.0

Late : 5,000.0

#### Faculty Members:

Early Bird : 5,000.0

Late : 6,000.0

#### Industry Persons:

Early Bird : 8,000.0

Late : 10,000.0

### Registration fee includes:

- Registration Kit, Breakfast, Lunch and Dinner
- The participants may be provided accommodation in the Institute hostels depending on the availability.

### Mode of Payment\*

Internet Banking

Bank Name, Branch: State Bank of India,

NIT Jamshedpur

IFSC Code: **SBIN0001882**

Account Name: **“Hands on Introduction of HFSS in Microwave Applications”**

Account Number: **38005716278**

\*After Completion of Successful payment, kindly email your receipt of the payment along with the scan copy of filled registration-form to email of the course Coordinator ([whfssma-2018@nitjsr.ac.in](mailto:whfssma-2018@nitjsr.ac.in)).

## Organizing Committee

### Patron

Prof. Karunesh Kumar Shukla  
Director, NIT Jamshedpur

### Chairman

Dr. Rashmi Sinha  
HOD, ECE, NIT Jamshedpur

### Coordinators

Prof. Arvind Choubey  
Dr. Rashmi Sinha

### Joint Coordinators

Mr. Amit Prakash  
Dr. Santosh Kumar Mahto  
Dr. Kunal Singh

### Advisory Committee

Dr. Mayank Shrivastava  
Dr. Ajay Kumar  
Dr. Nagendra Kumar  
Dr. Basudeba Behra  
Dr. Swagatadeb Sahoo

### Student Committee

Mr. Prakash Ranjan  
Mr. Chetan Barde  
Mr. Ranjeet Kumar

### Resource Persons

The speakers will be from NIT Jamshedpur, BIT Mesra, and professionals from ANSYS

## Five days Workshop

on

## Hands on Introduction of HFSS in Microwave Applications

(WHFSSMA-2018)

29<sup>th</sup> October – 2<sup>nd</sup> November, 2018

Course Coordinators

Prof. Arvind Choubey

Dr. Rashmi Sinha

Organised

by



Department of Electronics & Communication Engineering  
National Institute of Technology Jamshedpur  
Jharkhand-831014

in association with

**ANSYS Pvt. Ltd.**



**Registration Form**

**Five days Workshop**

*on*

**Hands on Introduction of HFSS in  
Microwave Applications**

*in*

**Department of Electronics and Communication Engg.  
National Institute of Technology Jamshedpur  
Jharkhand, Pin:-831014**

Name.....

Position.....

Department.....

Institute/Organization.....

Address.....

Email.....

Mobile/phone.....

**Payment Details**

Online payment Reference number

.....

.....

Date.....

Amount.....

Signature of Applicant.....

Signature of Head  
(Department/Head of the Institution/Organization)

**ABOUT THE INSTITUTE**

National Institute of Technology Jamshedpur was originally founded as Regional Institute of Technology in 1960. Later, it was upgraded to National Institute of Technology on 27<sup>th</sup> December 2002, with the status of Deemed University. It is now totally under the control of Ministry of Human Resources Development (MHRD), Government of India, New Delhi, since April 2003. The Institute offers B.Tech, M.Tech, M.C.A., M.Sc., and Ph.D degrees in various disciplines of Engineering, and Sciences.

**ABOUT THE DEPARTMENT**

Department of Electronics and Communication Engineering was established in 1989, has its core strength in the leading area of electronics and communication technology. Department offers an undergraduate programme in Electronics and Communication Engineering and post graduate programme in Embedded Systems Engineering and Communication Systems Engineering and PhD program in various research area. The Department has highly motivated faculty and well established laboratories to meet the requirements of UG, PG and PhD students.

**THEME OF THE WORKSHOP**

This Workshop aims to give an exposure to the participants in the design of RF/Microwave Components using the industry standard high performance 3D Electromagnetic simulation tool Ansoft HFSS. Ansoft HFSS is a versatile tool in the field of RF/microwave engineering. It integrates simulation, visualization, solid modelling and automation in an easy-to-learn environment where solutions to the RF designer's 3D EM problems are quickly and accurately obtained. Ansoft HFSS provides brilliant graphics to the 3D EM problems and can be used

to calculate parameters such as S-parameters, resonant frequency and fields.

**KEY TOPICS TO BE ADDRESSED:**

- Ansys HFSS - basics to advance topics
- Antenna design and Simulation.
- Metamaterials
- Radar Absorbing Material based on Metamaterials
- Optometrics
- SAR/ RCS Analysis
- HFSS inbuilt models (Human Body Model etc)
- Dynamic Link (FSS Circuit)
- EMI applications

**TARGET AUDIENCE:**

- B.Tech/M.Tech students
- Research Scholars
- Engineering College Faculty
- Industrial delegates / Entrepreneurs

**SPEAKERS:**

- Faculty domain experts from BIT Mesra and NIT Jamshedpur.
- **ARK Info solutions Pvt. Ltd. (Channel Partner, ANSYS Pvt. Ltd.)**

**ADDRESS FOR CORRESPONDENCE**

Department of Electronics and Communication Engineering  
National Institute of Technology, Jamshedpur  
Jharkhand, India- 831014  
Email id: [whfssma-2018@nitjsr.ac.in](mailto:whfssma-2018@nitjsr.ac.in)  
Mobile: **9431085066, 7992316012, 7739306945,**  
**8839603896**